

**OPTICAL CONNECTOR ADAPTER FOR INTERFACING  
SINGLE OR MULTICHANNEL WAVEGUIDE DEVICES  
TO FIBER AND METHOD OF FORMING SAME**

**Abstract of the Disclosure**

An optical connector adapter advantageously interfaces waveguide devices using passive alignment. The connector adapter includes a substrate for transporting 5 optical signals and having opposing ends and a top reference surface and single side reference surface. A carrier bracket is received over the top reference surface at either end and includes substrate alignment fiducials for aligning the top and side reference surfaces. A 10 substrate carrier receives the substrate and carrier bracket as a subassembly and has carrier alignment fiducials for aligning to the side reference surface and top reference surface and interfacing a waveguide device.

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